

CLIPPEDIMAGE= JP405236724A

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TITLE: VIBRATIONPROOF ELEMENT ATTACHING MECHANISM FOR
MOTOR

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ABSTRACT:

PURPOSE: To provide a vibrationproof element attaching mechanism for a motor, which can protect a scanner from the vibration of a motor without a vibrationproof rubber being deformed.

CONSTITUTION: Vibrationproof rubber 3a, both whose sides are bonded to two sheet metals 3b and 3c and has an idly fitting hole in the center, is provided between the bracket 2 of a scanner and the mounting base of a stepping motor 1. Four pieces of screw holes for four through bolts 6a are bored in the sheet metal 3b on the bracket side. The mounting hole of the mounting base 1c is made an idly fitting hole, and idly fitting holes are

provided at each center of the sheet metal 3c on the mounting base side of the bracket 2 and the four corners at the peripheral parts corresponding to the mounting holes, and the rotary shaft 1b of the stepping motor is pierced into the idly fitting hole at each center. Four pieces of through bolts are screwed in each screw hole through each idly fitting hole at four corners on the peripheries, and a rather hard rubber washer 7 is interposed on the bracket side or the mounting base side, and the top of each through hole bolt is fixed by a rock nut 6b.

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